

Fig. 1  
(PRIOR ART)

**SWITCHED MODE VOLTAGE  
TRANSFORMER (SPW)**  
**FEED VOLTAGE ( $U_s$ )**  
**FUSE (Si1), (Si2), (Si3)**  
**CONTROLLED SWITCH (SW1)**  
**MEASURING SHUNT ( $R_M1$ )**  
**OUTPUT VOLTAGE ( $U_{A1}$ ), ( $U_{A2}$ ), ( $U_{A3}$ )**  
**OUTPUT ( $A_1$ ), ( $A_2$ ), ( $A_3$ )**

**VOLTAGE ( $U_{i3}$ )**  
**COMPARATOR (KOM)**  
**“AND” GATE (&)**  
**SWITCHING AMPLIFIER (SV3)**  
**MONITORING UNIT (UWE)**  
**LIGHT ( $L_1$ ), ( $L_2$ ), ( $L_3$ )**  
**REFERENCE VOLTAGE ( $U_{Ref}$ )**

REPLACEMENT SHEET

2/2

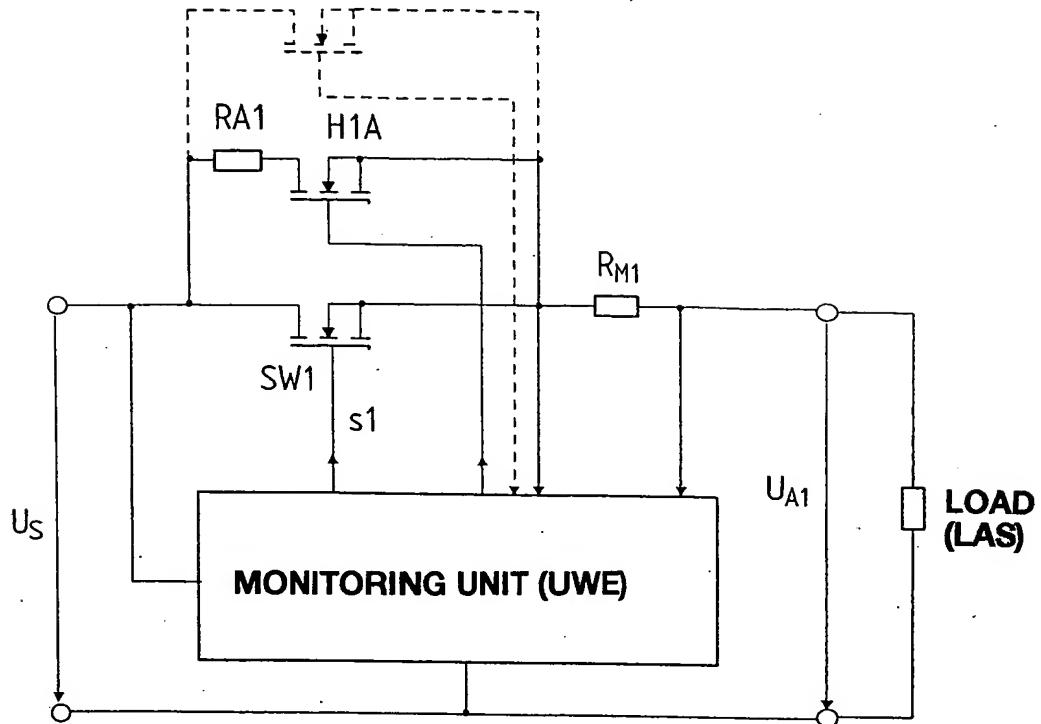


Fig. 2

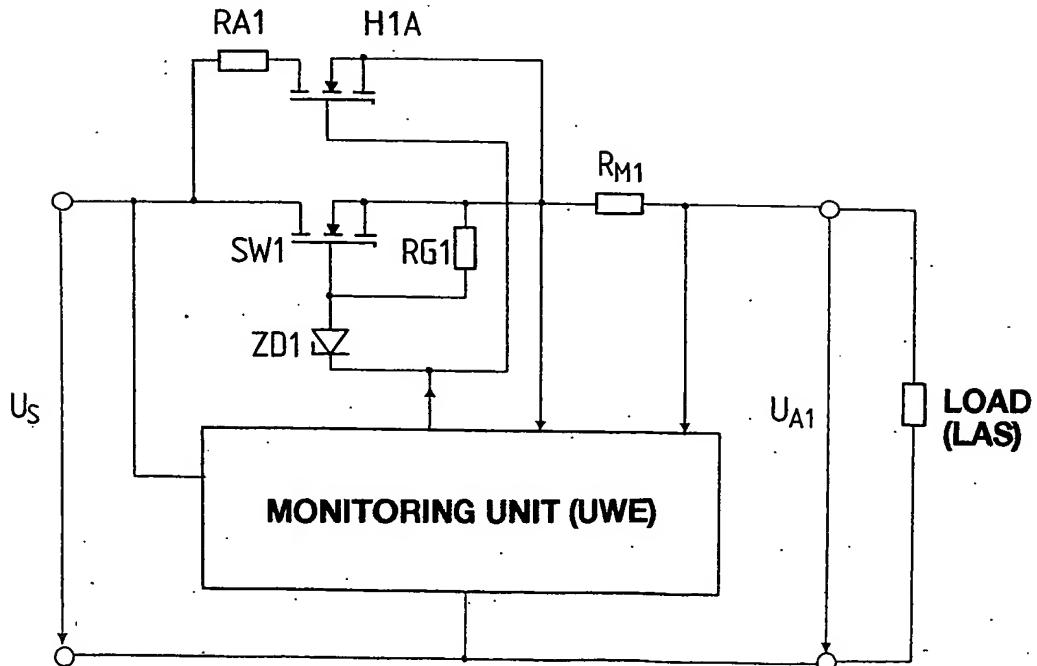


Fig. 3

**BALLAST RESISTOR (RA<sub>1</sub>)**

**AUXILIARY SEMICONDUCTOR**

**SWITCH (H1A)**

**RESISTOR (RM<sub>1</sub>)**

**SEMICONDUCTOR SWITCH (SW<sub>1</sub>)**

**DISCONNECT SIGNAL (S<sub>1</sub>)**

**OUTPUT VOLTAGE (U<sub>A1</sub>)**

**FEED VOLTAGE (U<sub>s</sub>)**

**ZENER DIODE (ZD<sub>1</sub>)**

**SERIES RESISTOR (RG<sub>1</sub>)**